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(54) CHROMANYLOXY FATTY ACID HOMOLOG

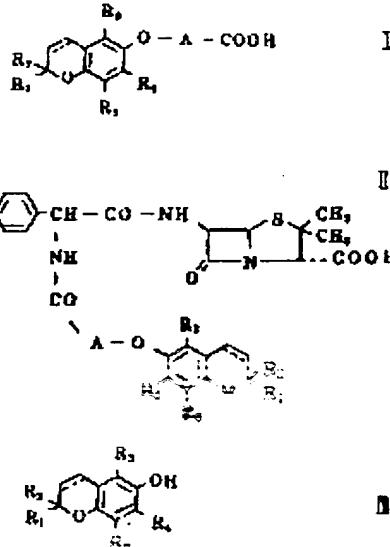
(57) Abstract:

NEW MATERIAL: A compound of formula I: [R1 is H or a alkyl group; R2, R3, R4, and R5 are H, lower alkyl, or lower alkoxyethyl groups; A is lower alkylene group; the dotted line is (un)saturated bond].

EXAMPLE: 2,2,5,7,8-Pentamethyl-6-chromanyloxy acetic acid.

USE: Drugs for hyperlipemia, an intermediate for medicines, particularly capable of forming a novel penicillin derivative of formula II; an excellent antibacterial, by reaction of ampicillin with a compound of formula I or its reactive derivative.

PROCESS: A compound of formula III is reacted with a compound of the formula X-A-COOR6 (X is halogen; R6 is lower alkyl group), X-A-CH2OAC (AC is lower fatty acid residue), or X-A-CN, to give the objective compound of formula I via an intermediate.



LEGAL STATUS

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